Substitute for form 1448 ... IAN 1 2 2006 INFORMATION DISCLOSURE

1

Sheet

Attorney Docket Num	ber 71635	
First Named Inventor	Jernigan et al.	
	COMPLETE IF KNOWN	
Application Number	10/665,664	
Filing Date	September 18, 2003	
Group Art Unit	1711	
Examiner Name	Irina Sopiia Zemel	

			U.S. P	PATENT DOCUMENTS	
Examiner	Cite	U.S.Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
initials*	No.1	Number	Kind Code ² (if known)	Name of Paternee of Applicant of Onea Southern	MM-DD-YYYY
		2,706,722		Caldwell	04-19-1955
		3,390,134		Kibler	06-25-1968
		3,972,852		Inata, et al.	08-03-1976
		5,164,478		Lee et ai.	11-17-1992
		5,187,216		Cassell et al.	02-16-1993
		5,310,515		Jurgen et al.	05-10-1994
-		5,532,333		Stouffer et al.	07-02-1996
		5,540,868		Stouffer et al.	07-30-1996
		5,766,533		Mears et at.	06-16-1998
		6,113,997	,	Massey et al.	09-05-2000
		6,228,302		Al Ghatta	05-08-2001
		6,512,078		Gantillon et al.	01-28-2003
		2002/171159		Matthaei et al.	11-21-2002
		2004/0011330		Sauler et al.	01-22-2004

	FOREIGN PATENT DOCUMENTS									
Examiner Initials	Cite No.	Office ³	Foreign Patent Docume Number ⁴	ent Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T [₫]			
		DD	226896 (ABS)		AKAD Wissenschaften DDR	09-04-1985				
		DE	10149474	1	Buhler AG, Uzwil CH	04-17-2003	1			
		DE	10215344 (ABS)		Primary Prod. Technologies GMBH	10-30-2003				
		DE	19848245		Rieter Automatik GMBH	04-05-2000	1			
		EP	867458 (ABS)		Mitsui Chem Inc.	09-30-1998				

	<u> </u>		
Examiner Signature	und	Date Considered	4-27-0.6

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴Applicant is to place a check mark here if English language Translation is attached.

						-			\
Substitute for for		Attorn	ey Docket Numb	er	71635		\rightarrow		
	INFORMATION DISCLOSURE					First Named Inventor Jernigan et al.			
•					OMPLETE IF KNOWN				
STATEM	STATEMENT BY APPLICANT				ation Number		/665,664		
			Filing I			ptember 18, 2003			
<u></u>					Art Unit	17			\longrightarrow
Sheet	2	of	3	Exami	ner Name	Irir	na Sopjia Zemel		
	JP	3041851	(ABS)		Toyo Bosek	KK		05-15-2000	
	JP	3075406	(ABS)		Toyobo KK			08-14-2000	
	JP	3095166	(ABS)		Toyobo KK			06-21-1999	
	JР	53054295	5 (ABS)		Teijin Ltd.	-		05-17-1978	
	JR	59045107	7 (ABS)		Teijin Ltd.			09-07-1982	
	JP	8073611			Mitsui Chen	nicals	5	03-19-1996	7
	JP	2000143 (ABS)			Mitsubishi C	hem	ı. Corp.	05-26-2000	
	JP	20010400 (ABS)	081		Toyobo KK			02-13-2001	
	JP	2001072 (ABS)			Toyobo KK			03-21-2001	
	JP	2001106 (ABS)	777		Toyobo KK			04-17-2001	
	JP	2001131: (ABS)	277		Toyobo KK			05-15-2001	
	JP	2001247	669		Toyobo Co.	Ltd.	<u>.</u>	09-11-2001	4
	JP	2001302 (ABS)			Toyobo KK			10-31-2001	
	JP	2001302 (ABS)			Toyobo KK			10-31-2001	
	JP	2002105 (ABS)	189		Toyobo KK			04-10-2002	
	JP	2002332	340		Toyobo Co	Ltd.	,	11-22-2002	1
	JP	2002338	676		Toyobo Co	. Ltd.	\	11-27-2002	1
	JP	2003137	993		Mitsubishi (Chen	nical Corporation	05-14-2003	1
	JP	2003181	831		Private Cor	npar	ny Sato **Industry*	12-14-2001	1
	JP	2003200	420		Toppan Pri	nting	Co., Ltd.	07-15-2003	1
	JP	2003206	344	İ	Toyobo Co	. Ltd		07-22-2003	4
	JP	2003206	346		Toyobo Co	. Ltd		07-22-2003	1
	JP	2003306	3537		Toyobo Co	. Ltd		19-31-2003	4
	JP	2003306	5538		Toyobo Co	. Ltd		10-31-2003	1
	1	<u> </u>							$\overline{}$

Examiner Signature Purcher Considered 4-27-06

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

				Attorney Docket Number		71635	
Substitute for form	1 1449			First Named Inventor		Jernigan et al.	
INFORMA	TION D	SCL	OSURE		С	OMPLETE IF KNOWN	
STATEMENT BY APPLICANT				Application Number	10	/665,664	
				Filing Date	Se	eptember 18, 2003	
				Group Art Unit	1711		
Sheet	3	of	3	Examiner Name	Iri	na Sopjia Zemel	

JP	2003306540	Toyobo Co. Ltd.	10-31-2003	1
36	2003327680	Mitsubishi Chemical Corporation	11-19-2003	1
JP	2003342358	Mitsui Chemicals Inc.	12-03-2003	1
wo	00/32673	Rhodia	06-08-2000	1
wo	200032677 (ABS)	Tergal Fibres	06-08-2000	
wo	200112698 (ABS)	Buehler	02-22-2001	
_				

		OTHER - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author(in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T⁰
-		•	

Examiner Production Date Considered 4-27-06					
	Examiner Signature	Jenul	Date Considered	4-27-0	06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant,

FEB 01 2000 ase tipe a plus (+) sign in this box -> +

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

Attorney Docket Number First Named Inventor		71635	
		Jernigan et al.	
<u> </u>	С	OMPLETE IF KNOWN	
Application Number	10	/665,664	
Filing Date	Se	ptember 18, 2003	
Group Art Unit	17	11	

of	3	Examiner Name	Irina Sopjia Zemel
		•	

			U.S. F	PATENT DOCUMENTS	
Examiner Initials*	Cite No.1	U.S.Patent Document Number (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
W.		2,706,722		Caldwell	04-19-1955
		3,390,134		Kibler	06-25-1968
		3,972,852		Inata, et al.	08-03-1976
		5,164,478		Lee et al.	11-17-1992
		5,187,216		Cassell et al.	02-16-1993
		5,310,515		Jurgen et al.	05-10-1994
		5,532,333		Stouffer et al.	07-02-1996
		5,540,868		Stouffer et al.	07-30-1996
		5,766,533		Mears et al.	06-16-1998
		6,113,997		Massey et al.	09-05-2000
		6,228,302		Al Ghatta	05-08-2001
		6,512,078		Gantillon et al.	01-28-2003
1		2002/171159		Matthaei et al.	11-21-2002
oH		2004/0011330		Sauler et al.	01-22-2004

FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶		
W		ĐĐ	226806 (ABS)		AKAD Wissenschaften DDR	09-04-19 85			
00		DE	10149474		Buhler AG, Uzwil CH	04-17-2003	1		
1		DE	10215344 (ABS)		Primary Prod. Technologies GMBH	10-30-2003			
	-	DE	19848245		Rieter Automatik GMBH	04-05-2000	1		
gW.		EΡ	867458 (ABS)		Mitsui Chem Inc.	09-30-1998			

Exami	ner /	\mathcal{L}	0	Date	4.77-06
Signat	ure "	1 ma	Jum	Considered	7-61-00

*EXAMINER: Initial if reference considered. Whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

			<u> </u>	Attorr	ney Docket Numi	er	71635		1	
Substitute for f	form 1449			First Named Inventor Jernigan et			Jernigan et al.	t al.		
INFORM	IATION	DISCLO	DSURE	COMPLETE IF KNOWN						
STATE	MENT B	Y APPL	ICANT	Applic	Application Number 10/665,664					
					Date	Se	ptember 18, 2003			
				Group	Group Art Unit 1711					
Sheet	2	of	3	Exam	iner Name					
30	JP	3041851	1 (ABS)		Toyo Bosek	KK		05-15-2000		
	JP	3075406	6 (ABS)		Toyobo KK			08-14-2000		
	JP	3095166	(ABS)	•	Toyobo KK			06-21-1999		
	JP	5305429	95 (ABS)		Teijin Ltd.			05-17-1978		
	JР	5904510	07 (ABS)		Teijin Ltd.			09-07-1982		
	JР	807361	1		Mitsui Chen	nicals	3	03-19-1996	1	
	JP	2000143 (ABS)	3791		Mitsubishi C	hem	. Corp.	05-26-2000		
	JP	2001040 (ABS)	0081		Toyobo KK			02-13-2001		
	JP	2001072 (ABS)	2753		Toyobo KK			03-21-2001		
	JP	200110 (ABS)	6777		Toyobo KK			04-17-2001		
	JP	200113 (ABS)	1277		Toyobo KK			05-15-2001		
	JP	200124	7669		Toyobo Co.	Ltd.		09-11-2001	√,	
	JP	200130 (ABS)	2777		Toyobo KK			10-31-2001		
	JP	200130 (ABS)	2778		Toyobo KK			10-31-2001		
	JP	200210 (ABS)	5189		Toyobo KK			04-10-2002		
	JP	200233	2340		Toyobo Co.	Ltd.		11-22-2002	1	
	JP	200233	8676		Toyobo Co. Ltd.			11-27-2002	1	
	JP	200313	7993		Mitsubishi Chemical Corporation		nical Corporation	05-14-2003	1	
//	JP	200318	1831	Private Company Sato **Industry*		12-14-2001	1			
	JP	200320	0420	Toppan Printing Co., Ltd.		07-15-2003	1			
	JP	200320	6344		Toyobo Co. Ltd.			07-22-2003	1	
	JP	200320	6346	Toyobo Co. Ltd.		07-22-2003	1			
	JP	. 200330	6537		Toyobo Co.	Ltd.		10-31-2003	1	
9	JP	200330	6538		Toyobo Co. Ltd.			10-31-2003	1	
			1							

<u>V</u>			
Examiner Signature	prajemi	Date Considered	4-27-06

^{*}EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Substitute	las lases				Attori	ney Docket Numb	er	71635			
Substitute	101 101111	1448			First	First Named Inventor		Jernigan et al.			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT						COMPLETE IF KNOWN					
						Application Number 10/665,664					
·					Filing	Filing Date September 18, 20		ptember 18, 2003)3		
						Group Art Unit 17		11	· · · · · · · · · · · · · · · · · · ·		
Sheet		3	of	3	Exam	iner Name	lrir	na Sopjia Zemel	ojia Zemel		
20		JP	200330	6540		Toyobo Co. Ltd.		10-31-2003	1		
		JP	2003327680			Mitsubishi C	tsubishi Chemical Corporation		11-19-2003	1	
		JP	200334	2358		Mitsui Chem	Mitsui Chemicals Inc.		12-03-2003	1	
		wo	00/326	73		Rhodia		06-08-2000	1		
		wo	200032 (ABS)	677		Tergal Fibres			06-08-2000		
W		wo	200112 (ABS)	698		Buehler			02-22-2001		
										_	
	1		C	THER - NC	N PATE	I ENT LITERATUI	RE C	OCUMENTS	L	<u> </u>	
Examiner Initials*	Cite No.1		Include r item (book,	ame of the aut magazine, jour	thor(in CAPITAL LETTERS), title of the article (when appropriate), title of the rnal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published.						
N			Co-pending US application 10/986,129 filed November 10, 2004; CIP of US application number 10/683,522 filed October 10, 2003, ABD								

Examiner	haal		Date	Han 27-01
Signature	1 1100	enul	Considered	900

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.